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January 8, 2002

Attn: Mr. Chris Horne  
Clark County Assistant District Attorney

**Site Reconnaissance Visit - No. 3**  
**Cichosz Property Slide**  
**Clark County, Washington**

Dear Mr. Horne:

In accordance with your recent request, we have completed a follow-up site reconnaissance of the above-referenced landslide area in rural Clark County, Washington. The purpose of our visit was to observe the current conditions on the site, collect current photographs of this area to compare with earlier photos, and check for any movements on monitoring pins that were established in December 2000. This letter presents our comments and a summary of the observations that were made during the recent visit.

The reconnaissance visit was completed on December 19, 2001. This is the latest visit since a similar site reconnaissance was performed on January 26, 2001. Additional visits were to be completed last winter as part of a limited monitoring program by the County, however, because of the drier than normal winter that was experienced in the Southwest Washington/Northwest Oregon region, it was decided to forgo any follow-up visits at that time. This decision was made under the assumption that there would likely be no changes to the slide because of the limited rainfall, and that the lower rainfall amounts would probably result in lower than normal groundwater levels within the slope.

During our visit, walking traverses were made across the area to check for any signs of new or additional movement on the active slide area that was observed in December 1999. The more active slide area is located in a bowl-shaped area on the lower (northern) portion of the Cichosz property. Conditions were also observed along some of the upper portions of the property where an ancient, in-active slide scarp is present. There have been no indications or signs in the recent past that the larger ancient slide is active, and no reason to believe that it is moving at this time. The following observations were made during the recent visit:

- There are no new signs of movement on the lower, landslide headscarp area, other than the down-dropped cracks that were observed in December 1999. These cracks are slowly being masked by erosional weathering
- There are no signs that the upper ancient landslide area is currently active, which is consistent with earlier on-site observations.
- There appears to be an increase in the amount of seepage exiting the slopes, from both the upper ancient slide headscarp and the lower more active headscarp area. As a result, there is generally more surface water flowing over portions of the site. Both of these observations are consistent with, and are probably related to the heavier rainfall that has been experienced over the current winter wet season.
- There may be some minor movement of slide debris near the top of the cut slope for the 1<sup>st</sup> Avenue Road that leads into adjacent properties. This is a private road on the lower, northern limits of the Cichosz property. There appear to be minor cracks beginning to open-up near the top of the cut slope, but they are only very small at this time. This is in an area just upslope from an existing small slump block that has already moved down the cut slope during a prior episode of movement. At this point, there does not appear to be any debris that has moved or slumped out onto the road yet this winter. However additional rainfall could result in increased movement on these cracks.

In addition to our overall site observations, five sets of monitoring pins were checked for movements on the lower slide area. These pins were set at the ground surface on each side of the lower slide headscarp on December 7, 2000. Based on measurements collected during our recent visit, there has been no movement on any of these pins since they were first established.

We trust that this brief summary of our most recent site visit will be sufficient for your needs as you monitor this area and keep the public informed of any developments. If you have any questions, please call us.

Respectfully,

LANDSLIDE TECHNOLOGY

By \_\_\_\_\_  
Randall J. Hill, P. E.  
Senior Associate Engineer

cc: Mr. Ed McMillan, P.E.  
Clark County